CLAIMS

What is claimed is:

1. A system for mounting a component to an instrument body comprising:

a component having a stud aperture at each end of the component; and

a mounting device comprising a top portion and a threaded lower portion, the threaded lower portion being positioned in the stud aperture, where the mounting device holds the component in position between the top portion of the mounting device and a plate of an insert mounted into the instrument body.

2. The system of claim 1 wherein the insert further comprises an aperture portion configured to accept the threaded lower portion of the mounting device.

3. The system of claim 1 wherein the insert further comprises a bottom portion configured to allowing the insert to be disposed within the instrument body.

4. The system of claim 3 wherein the bottom portion is threaded, the threaded bottom portion allowing the insert to be adjustably coupled to the instrument body.

5. The system of claim 1 wherein the component is a combination bridge and tailpiece of an instrument.

6. The system of claim 1 wherein the component is a bridge of an instrument.

7. The system of claim 1 wherein the component is a tailpiece of an instrument.

8. The system of claim 1 wherein the component further comprises an adjustment screw hole at each end of the component, the adjustment screw hole extending from one side of the component to each stud aperture.

9. The system of claim 8 further comprising an adjustment screw, the adjustment screw being positioned in the adjustment screw hole to laterally position the component relative to the insert and the mounting stud.

10. The system of claim 1 wherein the stud aperture comprises a slot extending to one side of the component.

11. The system of claim 1 wherein the plate is square-shaped in order to accept a wrench.

12. A method for mounting a component having stud apertures to an instrument body comprising:

positioning the component such that each stud aperture is aligned with a plate of an insert; and

clamping the component in place between the plate and a mounting device.

13. The method of claim 12 further comprising mounting the insert having the plate into an aperture of the instrument body.

14. The method of claim 12 wherein the clamping further comprises fastening the mounting device into an aperture portion of the insert.

15. The method of claim 12 further comprising adjusting the insert relative to the instrument body to adjust the height of the component relative to the instrument body.

16. The method of claim 12 further comprising laterally adjusting the component by rotating an adjustment screw into or out of an adjustment screw hole.

17. A mounting apparatus for mounting a component to an instrument body comprising:

an insert having a plate and an aperture portion; and

means for clamping the component in position between the plate and a mounting device.

18. The system of claim 17 wherein the mounting device further comprises a threaded lower portion, the threaded lower portion configured to be fastened into the aperture portion of the insert.

19. The system of claim 17 wherein the insert further comprises a bottom portion, the bottom portion allowing the insert to be adjustably coupled to the instrument body.